



# Wolf Creek Dam Weekly Update

US Army Corps of Engineers  
Nashville District

9 January 2008

## Construction Report

**Foundation Grouting.** To date, all 50 holes in the gallery have been drilled and grouted with a total of over 4447 gallons of grout.

Boart Longyear continued drilling (overburden) and casing using the sonic method in the critical section of TO#4. Boart is running 5 rigs on the day shift, and 4 on the night shift. There are a total of 862 holes in Overburden, drilled and cased.

Rock coring and drilling on the work platform continued this week, as well as pressure washing and grouting operations.

ACT/Boart Longyear completed the five exploratory holes in Critical Area #1, and temporarily suspended working on exploratory alluvium holes until the V-Line is in place. Nine of those 15 holes are completed. ACT/Boart Longyear worked on V-Line treatment, with seven of 23 completed.

There is a total of over 358,100 gallons of grout in 429 holes along the embankment. To date, over 362,553 gallons of grout have been pumped into the foundation.



Foundation grouting and sonic drilling

### This Week's Activities

- Continue sonic drilling and installation of PVC casing by Boart Longyear with 5 drill rigs
- Continue rock coring and rock production drilling
- Continue pressure testing and grouting
- Continue grouting of the V-Line

## Water Management Report

Lake Cumberland elevation on 1/08/08 was 681.52 ft. The orifice gate has been opened once again due to a period of zero generation scheduled for divers to work on fish hatchery intakes. The pool continues to be drawn down to the 680 range. There is a total of 1.5 inches of rain in the forecast for the Lake Cumberland basin in the next five days.

### Lake Cumberland Elevation

**681.52**

Time: 0600

08 Jan 2008

